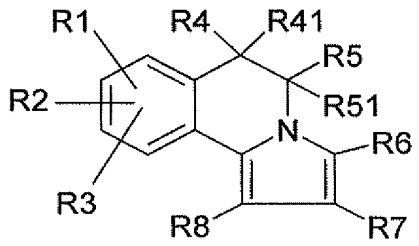
The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A compound of formula I



(I)

in which

R1 is halogen, nitro, amino, mono- or di-1-4C-alkylamino, 1-4C-alkyl, hydroxyl, 1-4C-alkoxy, 1-4C-alkoxy-2-4C-alkoxy, 3-7C-cycloalkoxy, 3-7C-cycloalkylmethoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy,

R2 is hydrogen, halogen or 1-4C-alkoxy, and

R3 is hydrogen or 1-4C-alkoxy, or

R2 and R3 bound to the benzo ring moiety in ortho-position to each other together form a 1-2C-alkylenedioxy bridge, or

R2 and R3 bound to the benzo ring moiety in ortho-position to each other together form a completely or predominantly fluorine-substituted 1-2C-alkylenedioxy bridge, or

R1 and R2 bound to the benzo ring moiety in ortho-position to each other together form a 1-2C-alkylenedioxy bridge and R3 is hydrogen, or

R1 and R2 bound to the benzo ring moiety in ortho-position to each other together form a completely or predominantly fluorine-substituted 1-2C-alkylenedioxy bridge and R3 is hydrogen,

R4 is hydrogen, fluorine, chlorine, 1-4C-alkyl, trifluoromethyl, cyclopropyl, cyano, 1-4C-alkoxycarbonyl or $-CH_2-O-R411$, in which

R411 is hydrogen, 1-4C-alkyl, 1-4C-alkoxy-2-4-alkyl or 1-4C-alkylcarbonyl,

R41 is ~~hydrogen or~~ 1-4C-alkyl,

R5 is hydrogen, and

R51 is hydrogen,

or

R4 is hydrogen, fluorine, chlorine or 1-4C-alkyl,

R41 is ~~hydrogen or~~ 1-4C-alkyl,

R5 is hydrogen, and

R51 is hydrogen,

R6 is 1-6C-alkyl, amino, formyl, or 1-4C-alkyl substituted by R61, in which

R61 is 1-4C-alkoxycarbonyl, carboxyl, 1-4C-alkoxy, hydroxyl, halogen or -N(R611)R612, in which

R611 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl or 3-7C-cycloalkyl-1-4C-alkyl, and

R612 is hydrogen or 1-4C-alkyl, or

R611 and R612 together and with inclusion of the nitrogen atom to which they are bound form a radical Het1, in which

Het1 is a 5- to 7-membered saturated heterocyclic ring radical comprising one nitrogen atom, to which R611 and R612 are bound, and, optionally, one further heteroatom selected from the group consisting of nitrogen, oxygen and sulfur, and optionally substituted by R613 on a ring nitrogen atom,

in which

R613 is 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, hydroxy-2-4C-alkyl, 1-4C-alkoxy-2-4C-alkyl, amino-2-4C-alkyl, mono- or di-1-4C-alkylamino-2-4C-alkyl, formyl, pyridyl or pyrimidinyl,

R7 is phenyl, Het2, R71- and/or R72- and/or R73-substituted phenyl, R74- and/or R75-substituted Het2, naphthyl, or R76- and/or R77-substituted naphthyl, in which

Het2 is a monocyclic or fused bicyclic 5 to 10-membered heteroaryl radical comprising one to three heteroatoms, each of which is selected from the group consisting of nitrogen, oxygen and sulfur,

R71 is hydroxyl, halogen, nitro, cyano, trifluoromethyl, 1-4C-alkyl, 1-4C-alkoxy, amino, mono- or di-1-4C-alkylamino, 1-4C-alkylsulphonylamino, arylsulphonylamino, 1-4C-alkoxycarbonyl, carboxyl, 1-4C-alkylthio, aryloxy-2-4C-alkoxy, aryloxy-1-4C-alkyl, aryloxy, aryl-1-4C-alkoxy, aryl, 1-4C-alkoxy-2-4C-alkoxy, 1-4C-alkoxy-1-4C-alkyl, hydroxy-2-4C-alkoxy, amino-2-4C-alkoxy, mono- or di-1-4C-alkylamino-2-4C-alkoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy, in which

aryl is phenyl or R711-substituted phenyl, in which

R711 is halogen, 1-4C-alkyl, 1-4C-alkoxy, nitro or cyano,

R72 is halogen, 1-4C-alkyl, 1-4C-alkoxy or 1-4C-alkoxycarbonyl,

R73 is 1-4C-alkyl or 1-4C-alkoxy,

R74 is halogen, 1-4C-alkyl, trifluoromethyl, 1-4C-alkoxy, cyano, amino, mono- or di-1-4C-alkylamino, 1-4C-alkoxycarbonyl, morpholino, carboxyl, nitro, phenyl or phenyloxy,

R75 is 1-4C-alkyl or halogen,

R76 is halogen, hydroxyl, 1-4C-alkyl, 1-4C-alkoxy, carboxyl or 1-4C-alkoxycarbonyl,

R77 is 1-4C-alkyl or 1-4C-alkoxy,

R8 is phenyl, phenylcarbonyl, -C(O)-N(R82)R83 or -C(O)-OR9, in which

R82 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, phenyl or phenyl-1-4C-alkyl, and

R83 is hydrogen or 1-4C-alkyl, or

R82 and R83 together and with inclusion of the nitrogen atom, to which they are bound, form a heterocyclic ring radical selected from the group consisting of pyrrolidinyl, piperidinyl, morpholinyl and N-(1-4C-alkyl)-piperazinyl,

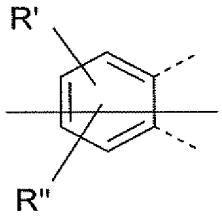
R9 is 1-4C-alkyl,

or a salt, or stereoisomer~~, hydrate or hydrate of a salt~~ thereof~~;~~

~~under the proviso, that this subgroup of compounds of formula I,~~

~~wherein the combination of all of the following restrictions a.) to c.) apply, is thereof disclaimed:~~

~~a.) the substitution pattern of the left R1- and/or R2- and/or R3-substituted benzo ring of the dihydroisoquinoline moiety of the pyrrolodihydroisoquinoline scaffold shown in formula I is as follows:~~



~~in which~~

~~R' and R'' can be bonded at any possible position of the benzo ring, and~~

~~R' is hydroxyl, 1-4C-alkoxy or trifluoromethoxy,~~

~~R'' is hydrogen or 1-4C-alkoxy,~~

~~or R' and R'' bound to the benzo ring moiety in ortho-position to each other together form a 1-2C-alkylenedioxy bridge,~~

~~and~~

~~b.) R4 is hydrogen, and~~

~~R41 is hydrogen, and~~

~~R5 is hydrogen, and~~

~~R51 is hydrogen,~~

~~and~~

~~c.) R8 is -C(O)-OR9, in which~~

~~R9 is 1-4C-alkyl.~~

2. (Currently Amended) A compound of formula I according to claim 1, in which

R1 is halogen, nitro, amino, 1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxy-2-4C-alkoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy,

R2 is 1-4C-alkoxy,

R3 is hydrogen,

and none of R1, R2 and R3 is bound to the 10-position of the pyrrolo[2,1-a]-isoquinoline ring,

R4 is hydrogen or 1-4C-alkyl,

R41 is ~~hydrogen or~~ 1-4C-alkyl,

R5 is hydrogen,

R51 is hydrogen,

R6 is 1-6C-alkyl, formyl, or 1-4C-alkyl substituted by R61, in which

R61 is 1-4C-alkoxycarbonyl,

R7 is phenyl, Het2, R71- and/or R72- and/or R73-substituted phenyl, R74- and/or R75-substituted Het2, or naphthyl, in which

Het2 is a heteroaryl radical selected from the group consisting of furanyl, thiophenyl, pyrrolyl, pyridinyl, quinolyl, indolyl, benzothiophenyl and benzofuranyl,

R71 is hydroxyl, 1-4C-alkoxy, amino or mono- or di-1-4C-alkylamino,

R72 is 1-4C-alkyl or 1-4C-alkoxy,

R73 is 1-4C-alkyl or 1-4C-alkoxy,

R74 is 1-4C-alkyl, trifluoromethyl, 1-4C-alkoxy, 1-4C-alkoxycarbonyl, nitro, phenyl or phenyloxy,

R75 is 1-4C-alkyl,

R8 is phenyl, phenylcarbonyl, or -C(O)-N(R82)R83, in which

R82 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl or phenyl, and

R83 is hydrogen or 1-4C-alkyl, or

R82 and R83 together and with inclusion of the nitrogen atom, to which they are bound, form a heterocyclic ring radical selected from the group consisting of pyrrolidinyl and piperidinyl,

or a salt, or stereoisomer~~, hydrate or hydrate of a salt~~ thereof.

3. (Currently Amended) A compound of formula I according to claim 1, in which

R1 is halogen, nitro, amino, 1-4C-alkyl, 1-4C-alkoxy-2-4C-alkoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy,

with the provisio that R1 is not trifluoromethoxy,

R2 is 1-4C-alkoxy, and

R3 is hydrogen, or

R1 and R2 bound to the benzo ring moiety in ortho-position to each other together form a completely or predominantly fluorine-substituted 1-2C-alkylenedioxy bridge and R3 is hydrogen,

and none of R1, R2 and R3 is bound to the 10-position of the pyrrolo[2,1-a]-isoquinoline ring,

R4 is hydrogen or 1-4C-alkyl,

R41 is ~~hydrogen or~~ 1-4C-alkyl,

R5 is hydrogen,

R51 is hydrogen,

R6 is 1-6C-alkyl, formyl, or 1-4C-alkyl substituted by R61, in which

R61 is 1-4C-alkoxycarbonyl,

R7 is phenyl, Het2, R71- and/or R72- and/or R73-substituted phenyl, R74- and/or R75-substituted Het2, or naphthyl, in which

Het2 is a heteroaryl radical selected from the group consisting of furanyl, thiophenyl, pyrrolyl, pyridinyl, quinolyl, indolyl, benzothiophenyl and benzofuranyl,

R71 is hydroxyl, 1-4C-alkoxy, amino or mono- or di-1-4C-alkylamino,

R72 is 1-4C-alkyl or 1-4C-alkoxy,

R73 is 1-4C-alkyl or 1-4C-alkoxy,

R74 is 1-4C-alkyl, trifluoromethyl, 1-4C-alkoxy, 1-4C-alkoxycarbonyl, nitro, phenyl or phenyloxy,

R75 is 1-4C-alkyl,

R8 is phenyl, phenylcarbonyl, -C(O)-N(R82)R83 or -C(O)-OR9, in which

R82 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl or phenyl, and

R83 is hydrogen or 1-4C-alkyl, or

R82 and R83 together and with inclusion of the nitrogen atom, to which they are bound, form a heterocyclic ring radical selected from the group consisting of pyrrolidinyl and piperidinyl,

R9 is 1-4C-alkyl,

or a salt, <u>or</u> stereoisomer~~, hydrate or hydrate of a salt~~ thereof.

4. (Currently Amended) A compound of formula I according to claim 1, in which

R1 is halogen, nitro, amino, 1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxy-2-4C-alkoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy,

R2 is 1-4C-alkoxy,

R3 is 1-4C-alkoxy,

and none of R1, R2 and R3 is bound to the 10-position of the pyrrolo[2,1-a]-isoquinoline ring,

R4 is hydrogen or 1-4C-alkyl,

R41 is ~~hydrogen or~~ 1-4C-alkyl,

R5 is hydrogen,

R51 is hydrogen,

R6 is 1-6C-alkyl, formyl, or 1-4C-alkyl substituted by R61, in which

R61 is 1-4C-alkoxycarbonyl,

R7 is phenyl, Het2, R71- and/or R72- and/or R73-substituted phenyl, R74- and/or R75-substituted Het2, or naphthyl, in which

Het2 is a heteroaryl radical selected from the group consisting of furanyl, thiophenyl, pyrrolyl, pyridinyl, quinolyl, indolyl, benzothiophenyl and benzofuranyl,

R71 is hydroxyl, 1-4C-alkoxy, amino or mono- or di-1-4C-alkylamino,

R72 is 1-4C-alkyl or 1-4C-alkoxy,

R73 is 1-4C-alkyl or 1-4C-alkoxy,

R74 is 1-4C-alkyl, trifluoromethyl, 1-4C-alkoxy, 1-4C-alkoxycarbonyl, nitro, phenyl or phenyloxy,

R75 is 1-4C-alkyl,

R8 is phenyl, phenylcarbonyl, -C(O)-N(R82)R83 or -C(O)-OR9, in which

R82 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl or phenyl, and

R83 is hydrogen or 1-4C-alkyl, or

R82 and R83 together and with inclusion of the nitrogen atom, to which they are bound, form a heterocyclic ring radical selected from the group consisting of pyrrolidinyl and piperidinyl,

R9 is 1-4C-alkyl,

or a salt, or stereoisomer, ~~hydrate or hydrate of a salt~~ thereof.

5. (Currently Amended) A compound of formula I according to claim 1, in which

R1 is halogen, nitro, amino, 1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxy-2-4C-alkoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy,

R2 is 1-4C-alkoxy,

R3 is hydrogen,

and none of R1, R2 and R3 is bound to the 10-position of the pyrrolo[2,1-a]-isoquinoline ring,

R4 is 1-4C-alkyl,

R41 is ~~hydrogen or~~ 1-4C-alkyl,

R5 is hydrogen,

R51 is hydrogen,

R6 is 1-6C-alkyl, formyl, or 1-4C-alkyl substituted by R61, in which

R61 is 1-4C-alkoxycarbonyl,

R7 is phenyl, Het2, R71- and/or R72- and/or R73-substituted phenyl, R74- and/or R75-substituted Het2, or naphthyl, in which

Het2 is a heteroaryl radical selected from the group consisting of furanyl, thiophenyl, pyrrolyl, pyridinyl, quinolyl, indolyl, benzothiophenyl and benzofuranyl,

R71 is hydroxyl, 1-4C-alkoxy, amino or mono- or di-1-4C-alkylamino,

R72 is 1-4C-alkyl or 1-4C-alkoxy,

R73 is 1-4C-alkyl or 1-4C-alkoxy,

R74 is 1-4C-alkyl, trifluoromethyl, 1-4C-alkoxy, 1-4C-alkoxycarbonyl, nitro, phenyl or phenyloxy,

R75 is 1-4C-alkyl,

R8 is phenyl, phenylcarbonyl, -C(O)-N(R82)R83 or -C(O)-OR9, in which

R82 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl or phenyl, and

R83 is hydrogen or 1-4C-alkyl, or

R82 and R83 together and with inclusion of the nitrogen atom, to which they are bound, form a heterocyclic ring radical selected from the group consisting of pyrrolidinyl and piperidinyl,

R9 is 1-4C-alkyl,

or a salt, or stereoisomer~~, hydrate or hydrate of a salt~~ thereof.

6. (Currently Amended) A compound of formula I according to claim 1,

in which~~, in a first embodiment,~~

~~R1 is halogen, nitro, amino, mono- or di-1-4C-alkylamino, 1-4C-alkyl, 1-4C-alkoxy-2-4C-alkoxy, 3-7C-cycloalkoxy, 3-7C-cycloalkylmethoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy,~~

~~R2 is 1-4C-alkoxy,~~

~~R3 is hydrogen,~~
~~and none of R1 and R2 is bound to the 10-position of the pyrrolo[2,1-a]-isoquinoline ring,~~

~~and~~

~~R4 is hydrogen,~~

~~R41 is hydrogen,~~

~~R5 is hydrogen, and~~

~~R51 is hydrogen;~~

~~or in which, in a second embodiment,~~

R1 is 1-4C-alkoxy,

R2 is 1-4C-alkoxy,

R3 is hydrogen,

and none of R1 and R2 is bound to the 10-position of the pyrrolo[2,1-a]-isoquinoline ring,

and

R4 is 1-4C-alkyl,

R41 is ~~hydrogen or~~ 1-4C-alkyl,

R5 is hydrogen, and

R51 is hydrogen;

R6 is 1-6C-alkyl, or 1-4C-alkyl substituted by R61, in which

R61 is 1-4C-alkoxycarbonyl;

R7 is Het2, 4-hydroxy-3,5-dimethylphenyl, 3-dimethylamino-phenyl, or naphthyl, in which

Het2 is a monocyclic or fused bicyclic 5- to 10-membered heteroaryl radical comprising one to three heteroatoms, each of which is selected from the group consisting of nitrogen, oxygen and sulfur;

R8 is phenyl, phenylcarbonyl, -C(O)-N(R82)R83 or -C(O)-OR9, in which

R82 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl or phenyl, and

R83 is hydrogen or 1-4C-alkyl, or

R82 and R83 together and with inclusion of the nitrogen atom, to which they are bound, form a heterocyclic ring radical selected from the group consisting of pyrrolidinyl and piperidinyl,

R9 is 1-4C-alkyl;

or a salt, or stereoisomer~~, hydrate or hydrate of a salt~~ thereof.

7. (Currently Amended) A compound of formula I according to claim 1,

in which~~, in a first embodiment,~~

~~R1 is halogen, 1-4C-alkoxy-2-4C-alkoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy,~~

~~R2 is 1-4C-alkoxy,~~

~~R3 is hydrogen,~~

~~and none of R1 and R2 is bound to the 7- or 10-position of the pyrrolo[2,1-a]-isoquinoline ring,~~

~~and~~

~~R4 is hydrogen,~~

~~R41 is hydrogen,~~

~~R5 is hydrogen, and~~

~~R51 is hydrogen;~~

~~or in which, in a second embodiment,~~

R1 is 1-4C-alkoxy,

R2 is 1-4C-alkoxy,

R3 is hydrogen,

and none of R1 and R2 is bound to the 7- or 10-position of the pyrrolo[2,1-a]-isoquinoline ring,

and

R4 is 1-4C-alkyl,

R41 is ~~hydrogen or~~ 1-4C-alkyl,

R5 is hydrogen, and

R51 is hydrogen;

R6 is 1-4C-alkyl, or 1-4C-alkyl substituted by R61, in which

R61 is 1-4C-alkoxycarbonyl;

R7 is Het2, 4-hydroxy-3,5-dimethylphenyl, 3-dimethylamino-phenyl, or naphthyl, in which

Het2 is a monocyclic or fused bicyclic 5- to 10-membered heteroaryl radical comprising one to three heteroatoms, each of which is selected from the group consisting of nitrogen, oxygen and sulfur,

R8 is -C(O)-OR9, in which

R9 is 1-4C-alkyl;

or a salt, or stereoisomer~~, hydrate or hydrate of a salt~~ thereof.

8. (Currently Amended) A compound of formula I according to claim 1,

in which, in a first embodiment,

either

R1 is halogen, 1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxy-2-4C-alkoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy,

R2 is 1-4C-alkoxy, and

R3 is 1-4C-alkoxy,

or

R1 is 1-4C-alkoxy, 1-4C-alkoxy-2-4C-alkoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy,

R2 is halogen, and

R3 is 1-4C-alkoxy,

and none of R1, R2 and R3 is bound to the 10-position of the pyrrolo[2,1-a]-isoquinoline ring;

or

either

R1 is halogen, 1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxy-2-4C-alkoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy,

R2 is 1-4C-alkoxy, and

R3 is hydrogen,

or

R1 is 1-4C-alkoxy, 1-4C-alkoxy-2-4C-alkoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy,

R2 is halogen, and

R3 is hydrogen,

and none of R1 and R2 is bound to the 7- or 10-position of the pyrrolo[2,1-a]-isoquinoline ring;

and

R4 is 1-4C-alkyl,

R41 is ~~hydrogen or~~ 1-4C-alkyl,

R5 is hydrogen, and

R51 is hydrogen;

or in which, in a second embodiment,

R1 is 1-4C-alkoxy,

R2 is 1-4C-alkoxy,

R3 is hydrogen,

and none of R1 and R2 is bound to the 7- or 10-position of the pyrrolo[2,1-a]-isoquinoline ring,

and

R4 is 1-4C-alkyl,

R41 is ~~hydrogen or~~ 1-4C-alkyl,

R5 is hydrogen,

R51 is hydrogen;

R6 is 1-6C-alkyl, or 1-4C-alkyl substituted by R61, in which

R61 is 1-4C-alkoxycarbonyl,

R7 is phenyl, Het2, R71- and/or R72- and/or R73-substituted phenyl, R74- and/or R75-substituted Het2, or naphthyl, in which

Het2 is a heteroaryl radical selected from the group consisting of furanyl, thiophenyl, pyrrolyl, pyridinyl, quinolyl, indolyl, benzothiophenyl and benzofuranyl,

R71 is hydroxyl, 1-4C-alkoxy, amino or mono- or di-1-4C-alkylamino,

R72 is 1-4C-alkyl or 1-4C-alkoxy,

R73 is 1-4C-alkyl or 1-4C-alkoxy,

R74 is 1-4C-alkyl, trifluoromethyl, 1-4C-alkoxy, 1-4C-alkoxycarbonyl, nitro, phenyl or phenyloxy,

R75 is 1-4C-alkyl,

R8 is phenyl, phenylcarbonyl, -C(O)-N(R82)R83 or -C(O)-OR9, in which

R82 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl or phenyl, and

R83 is hydrogen or 1-4C-alkyl, or

R82 and R83 together and with inclusion of the nitrogen atom, to which they are bound, form a heterocyclic ring radical selected from the group consisting of pyrrolidinyl and piperidinyl,

R9 is 1-4C-alkyl,

or a salt, or stereoisomer~~, hydrate or hydrate of a salt~~ thereof.

9. (Currently Amended) A compound of formula I according to claim 1,

in which

R1 is halogen, 1-4C-alkoxy, 1-4C-alkoxy-2-4C-alkoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy,

R2 is 1-4C-alkoxy,

R3 is 1-4C-alkoxy,

and none of R1, R2 and R3 is bound to the 10-position of the pyrrolo[2,1-a]-isoquinoline ring,

and

R4 is hydrogen, or 1-4C-alkyl,

R41 is ~~hydrogen, or~~ 1-4C-alkyl,

R5 is hydrogen, and

R51 is hydrogen;

or

R1 is halogen, 1-4C-alkoxy-2-4C-alkoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy,

R2 is 1-4C-alkoxy,

R3 is hydrogen,

and none of R1, R2 and R3 is bound to the 10-position of the pyrrolo[2,1-a]-isoquinoline ring,

and

R4 is hydrogen, or 1-4C-alkyl,

R41 is ~~hydrogen, or~~ 1-4C-alkyl,

R5 is hydrogen, and

R51 is hydrogen;

or

R1 is 1-4C-alkoxy,

R2 is 1-4C-alkoxy,

R3 is hydrogen,

and none of R1, R2 and R3 is bound to the 10-position of the pyrrolo[2,1-a]-isoquinoline ring,

and

R4 is 1-4C-alkyl,

R41 is ~~hydrogen, or~~ 1-4C-alkyl

R5 is hydrogen, and

R51 is hydrogen;

R6 is 1-4C-alkyl,

R7 is 4-hydroxy-3,5-dimethylphenyl, 3-dimethylamino-phenyl, or pyridyl, indolyl, thiophenyl, quinolinylor naphthyl,

R8 is -C(O)-OR9, in which

R9 is 1-2C-alkyl,

or a salt, or stereoisomer~~, hydrate or hydrate of a salt~~ thereof.

10. (Currently Amended) A compound of formula I according to claim 1,

in which, in a first embodiment,

either

R1 is bonded in the 8-position of the pyrrolo[2,1-a]-isoquinoline ring, and is chlorine, 2-methoxy-ethoxy or difluoromethoxy, and

R2 is bonded in the 9-position of the pyrrolo[2,1-a]-isoquinoline ring, and is methoxy,

or

R1 is bonded in the 9-position of the pyrrolo[2,1-a]-isoquinoline ring, and is chlorine, fluorine, methyl, nitro, amino or difluoromethoxy, and

R2 is bonded in the 8-position of the pyrrolo[2,1-a]-isoquinoline ring, and is methoxy,

and

R3 is hydrogen,

~~and~~

~~either~~

~~R4 is hydrogen,~~

~~R41 is hydrogen,~~

~~R5 is hydrogen, and~~

~~R51 is hydrogen,~~

~~or~~

R4 is methyl,

R41 is ~~hydrogen or~~ methyl,

R5 is hydrogen, and

R51 is hydrogen;

or in which, in a second embodiment,

R1 is bonded in the 8-position of the pyrrolo[2,1-a]-isoquinoline ring, and is methoxy,

R2 is bonded in the 9-position of the pyrrolo[2,1-a]-isoquinoline ring, and is methoxy,

R3 is hydrogen,

and

R4 is methyl,

R41 is ~~hydrogen or~~ methyl,

R5 is hydrogen,

R51 is hydrogen;

R6 is methyl or 2-methoxycarbonylethyl,

R7 is 4-hydroxy-3,5-dimethylphenyl, 3-dimethylamino-phenyl, 3,4,5-trimethoxyphenyl, quinolinyl or naphthyl,

R8 is phenylcarbonyl, -C(O)-N(R82)R83 or -C(O)-OR9, in which

R82 is hydrogen, methyl, ethyl, iso-propyl, iso-butyl, cyclohexyl, cyclopropylor phenyl, and

R83 is hydrogen or methyl, or

R82 and R83 together and with inclusion of the nitrogen atom, to which they are bound, form a pyrrolidinyl radical,

R9 is methyl or ethyl,

or a salt, or stereoisomer~~, hydrate or hydrate of a salt~~ thereof.

11. (Currently Amended) A compound according to claim 1, ~~wherein said compounds have the formula I,~~

in which

R1 is 1-4C-alkoxy,

R2 is 1-4C-alkoxy,

R3 is hydrogen,

and none of R1 and R2 is bound to the 7- or 10-position of the pyrrolo[2,1-a]-isoquinoline ring,

and in which

R4 is 1-4C-alkyl,

R41 is ~~hydrogen, or~~ 1-4C-alkyl,

R5 is hydrogen,

R51 is hydrogen,

or a salt, or stereoisomer~~, hydrate or hydrate of a salt~~ thereof.

12. (Currently Amended) A compound according to claim 1, ~~wherein said compounds have the formula I,~~

in which

either

R1 is halogen, nitro, amino, mono- or di-1-4C-alkylamino, 1-4C-alkyl, 1-4C-alkoxy-2-4C-alkoxy, 3-7C-cycloalkoxy, 3-7C-cycloalkylmethoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy, and

R2 is 1-4C-alkoxy,

or

R1 is 1-4C-alkoxy, 1-4C-alkoxy-2-4C-alkoxy, 3-7C-cycloalkoxy, 3-7C-cycloalkylmethoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy, and

R2 is halogen,

and

R3 is hydrogen,

and none of R1 and R2 is bound to the 7- or 10-position of the pyrrolo[2,1-a]-isoquinoline ring;

and ~~in which~~

~~either~~

~~R4 is hydrogen,~~

~~R41 is hydrogen,~~

~~R5 is hydrogen, and~~

~~R51 is hydrogen,~~

~~or~~

R4 is 1-4C-alkyl,

R41 is ~~hydrogen or~~ 1-4C-alkyl,

R5 is hydrogen, and

R51 is hydrogen;

or a salt, or stereoisomer~~, hydrate or hydrate of a salt~~ thereof.

13. (Currently Amended) A compound according to claim 1, ~~wherein said compounds have the formula I,~~

in which

either

R1 is halogen, nitro, amino, mono- or di-1-4C-alkylamino, 1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxy-2-4C-alkoxy, 3-7C-cycloalkoxy, 3-7C-cycloalkylmethoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy, and

R2 is 1-4C-alkoxy,

or

~~R1 is 1-4C-alkoxy, 1-4C-alkoxy-2-4C-alkoxy, 3-7C-cycloalkoxy, 3-7C-cycloalkylmethoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy, and~~

~~R2 is halogen,~~

~~and~~

~~R3 is 1-4C-alkoxy,~~

~~and none of R1, R2 and R3 is bound to the 10-position of the pyrrolo[2,1-a]-isoquinoline ring;~~

~~and in which~~

~~either~~

~~R4 is hydrogen,~~

~~R41 is hydrogen,~~

~~R5 is hydrogen, and~~

~~R51 is hydrogen,~~

~~or~~

R4 is 1-4C-alkyl,

R41 is ~~hydrogen or~~ 1-4C-alkyl,

R5 is hydrogen, and

R51 is hydrogen;

or a salt, or stereoisomer~~, hydrate or hydrate of a salt~~ thereof.

14. (Currently Amended) A compounds according to claim 1, ~~wherein said compounds have the formula I,~~

in which

R1 is halogen, 1-4C-alkoxy, 1-4C-alkoxy-2-4C-alkoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy,

R2 is 1-4C-alkoxy,

R3 is 1-4C-alkoxy,

and none of R1, R2 and R3 is bound to the 10-position of the pyrrolo[2,1-a]-isoquinoline ring,

and

R4 is hydrogen, or 1-4C-alkyl,

R41 is ~~hydrogen, or~~ 1-4C-alkyl,

R5 is hydrogen, and

R51 is hydrogen;

or

R1 is halogen, 1-4C-alkoxy-2-4C-alkoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy,

R2 is 1-4C-alkoxy,

R3 is hydrogen,

and none of R1, R2 and R3 is bound to the 10-position of the pyrrolo[2,1-a]-isoquinoline ring,

and

R4 is hydrogen, or 1-4C-alkyl,

R41 is ~~hydrogen, or~~ 1-4C-alkyl,

R5 is hydrogen, and

R51 is hydrogen;

or

R1 is 1-4C-alkoxy,

R2 is 1-4C-alkoxy,

R3 is hydrogen,

and none of R1, R2 and R3 is bound to the 10-position of the pyrrolo[2,1-a]-isoquinoline ring,

and

R4 is 1-4C-alkyl,

R41 is ~~hydrogen, or~~ 1-4C-alkyl,

R5 is hydrogen, and

R51 is hydrogen;

and

R6 is 1-4C-alkyl, such as e.g. methyl;

or a salt, or stereoisomer~~, hydrate or hydrate of a salt~~ thereof.

15. (Currently Amended) A compound according to claim 1, ~~wherein said compounds have the formula I,~~

in which

~~R1 is fluorine, chlorine, 1-2C-alkoxy-2-3C-alkoxy, or completely or predominantly fluorine-substituted 1-2C-alkoxy,~~

~~R2 is 1-2C-alkoxy,~~

~~R3 is hydrogen,~~

~~and none of R1 and R2 is bound to the 7- or 10-position of the pyrrolo[2,1-a]-isoquinoline ring,~~

~~and~~

~~R4 is hydrogen,~~

~~R41 is hydrogen,~~

~~R5 is hydrogen, and~~

~~R51 is hydrogen;~~

~~or~~

R1 is 1-2C-alkoxy,

R2 is 1-2C-alkoxy,

R3 is hydrogen,

and none of R1 and R2 is bound to the 7- or 10-position of the pyrrolo[2,1-a]-isoquinoline ring,

and

R4 is 1-2C-alkyl,

R41 is ~~hydrogen, or~~ 1-2C-alkyl,

R5 is hydrogen, and

R51 is hydrogen;

or

R1 is fluorine, chlorine, 1-2C-alkoxy-2-3C-alkoxy, or completely or predominantly fluorine-substituted 1-2C-alkoxy,

R2 is 1-2C-alkoxy,

R3 is hydrogen,

and none of R1 and R2 is bound to the 7- or 10-position of the pyrrolo[2,1-a]-isoquinoline ring,

and

R4 is 1-2C-alkyl,

R41 is ~~hydrogen, or~~ 1-2C-alkyl,

R5 is hydrogen, and

R51 is hydrogen;

and

R6 is 1-2C-alkyl,

or a salt, or stereoisomer~~, hydrate or hydrate of a salt~~ thereof.

16. (Currently Amended) A compound according to claim 1, ~~wherein said compounds have the formula I,~~

in which

R1 is fluorine, chlorine, 1-2C-alkoxy-2-3C-alkoxy, or completely or predominantly fluorine-substituted 1-2C-alkoxy,

R2 is 1-2C-alkoxy,

R3 is hydrogen,

and none of R1 and R2 is bound to the 7- or 10-position of the pyrrolo[2,1-a]-isoquinoline ring,

and

R4 is 1-2C-alkyl,

R41 is ~~hydrogen, or~~ 1-2C-alkyl,

R5 is hydrogen, and

R51 is hydrogen;

or a salt, or stereoisomer~~, hydrate or hydrate of a salt~~ thereof.

17. (Currently Amended) A compound according to claim 1, ~~wherein said compounds have the formula I,~~

in which

R6 is 1-4C-alkyl,

R7 is Het2, 4-hydroxy-3,5-dimethylphenyl, 3-dimethylamino-phenyl, or naphthyl, in which

Het2 is a monocyclic or fused bicyclic 5- to 10-membered heteroaryl radical comprising one to three heteroatoms, each of which is selected from the group consisting of nitrogen, oxygen and sulfur,

R8 is -C(O)-OR9, in which

R9 is 1-4C-alkyl,

or a salt, or stereoisomer~~, hydrate or hydrate of a salt~~ thereof.

18. (Currently Amended) A compound ~~according to claim 1, wherein said compound is~~ selected from the group consisting of:

1. 2-(4-Hydroxy-3,5-dimethyl-phenyl)-8,9-dimethoxy-3,6,6-trimethyl-5,6-dihydro-pyrrolo[2,1-α]isoquinoline-1-carboxylic acid ethyl ester,

2. (6RS)-2-(4-Hydroxy-3,5-dimethyl-phenyl)-8,9-dimethoxy-3,6-dimethyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

3. (6RS)-8,9-Dimethoxy-3,6-dimethyl-2-(3,4,5-trimethoxy-phenyl)-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

4. 9-(1,1-Difluoro-methoxy)-2-(3-dimethylamino-phenyl)-8-methoxy-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

5. 9-(1,1-Difluoro-methoxy)-2-(4-hydroxy-3,5-dimethyl-phenyl)-8-methoxy-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

6. 9-(1,1-Difluoro-methoxy)-8-methoxy-3-methyl-2-(3,4,5-trimethoxy-phenyl)- 5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

7. 2-(4-Hydroxy-3,5-dimethyl-phenyl)-8,9,10-trimethoxy-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

8. 8-(1,1-Difluoro-methoxy)-9-methoxy-3-methyl-2-(3,4,5-trimethoxy-phenyl)-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

9. 8-(1,1-Difluoro-methoxy)-2-(4-hydroxy-3,5-dimethyl-phenyl)-9-methoxy-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

10. 8-(1,1-Difluoro-methoxy)-2-(3-dimethylamino-phenyl)-9-methoxy-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

11. 8,9-(1,1-Difluoro-methylenedioxy)-2-(3-dimethylamino-phenyl)-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

12. 8,9-(1,1-Difluoro-methylenedioxy)-2-(4-hydroxy-3,5-dimethyl-phenyl)-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

13. 8,9-(1,1-Difluoro-methylenedioxy)-3-methyl-2-(3,4,5-trimethoxy-phenyl)-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

14. 9-Chloro-2-(4-hydroxy-3,5-dimethyl-phenyl)-8-methoxy-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

15. 9-Chloro-8-methoxy-3-methyl-2-(3,4,5-trimethoxy-phenyl)-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

16. 9-Chloro-2-(3-dimethylamino-phenyl)-8-methoxy-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

17. 8-Chloro-2-(4-hydroxy-3,5-dimethyl-phenyl)-9-methoxy-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

18. 2-(4-Hydroxy-3,5-dimethyl-phenyl)-9-methoxy-8-(2-methoxy-ethoxy)-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

19. 9-Methoxy-8-(2-methoxy-ethoxy)-3-methyl-2-(3,4,5-trimethoxy-phenyl)-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

20. 9-Methoxy-8-(2-methoxy-ethoxy)-3-methyl-2-naphthalen-1-yl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

21. 9-Fluoro-2-(4-hydroxy-3,5-dimethyl-phenyl)-8-methoxy-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

22. 2-(4-Hydroxy-3,5-dimethyl-phenyl)-8-methoxy-3-methyl-9-nitro-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

23. 2-(4-Hydroxy-3,5-dimethyl-phenyl)-8-methoxy-3,9-dimethyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

24. 8,9-Dimethoxy-3-(2-methoxycarbonyl-ethyl)-6,6-dimethyl-2-quinolin-4-yl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

25. 9-Amino-2-(4-hydroxy-3,5-dimethyl-phenyl)-8-methoxy-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethyl ester,

26. 1-[2-(4-Hydroxy-3,5-dimethyl-phenyl)-8,9-dimethoxy-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinolin-1-yl]-1-phenyl-methanone,

27. 4-(8,9-Dimethoxy-3-methyl-1-phenyl-5,6-dihydro-pyrrolo[2,1-a]isoquinolin-2-yl)-2,6-dimethyl-phenol,

28. 2-(4-Hydroxy-3,5-dimethyl-phenyl)-8,9-dimethoxy-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid cyclohexyl amide,

29. 1-[2-(4-Hydroxy-3,5-dimethyl-phenyl)-8,9-dimethoxy-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinolin-1-yl]-1-pyrrollidin-1-yl-methanone,

30. 2-(4-Hydroxy-3,5-dimethyl-phenyl)-8,9-dimethoxy-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid isopropylamide,

31. 2-(4-Hydroxy-3,5-dimethyl-phenyl)-8,9-dimethoxy-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid dimethylamide,

32. 2-(4-Hydroxy-3,5-dimethyl-phenyl)-8,9-dimethoxy-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid methylamide,

33. 2-(4-Hydroxy-3,5-dimethyl-phenyl)-8,9-dimethoxy-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid amide,

34. 2-(4-Hydroxy-3,5-dimethyl-phenyl)-8,9-dimethoxy-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid phenylamide,

35. 2-(4-Hydroxy-3,5-dimethyl-phenyl)-8,9-dimethoxy-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid ethylamide,

36. 2-(4-Hydroxy-3,5-dimethyl-phenyl)-8,9-dimethoxy-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid sec-butylamide, and

37. 2-(4-Hydroxy-3,5-dimethyl-phenyl)-8,9-dimethoxy-3-methyl-5,6-dihydro-pyrrolo[2,1-a]isoquinoline-1-carboxylic acid cyclopropylamide;

and the salts, and stereoisomers~~, hydrates, and hydrates of the salts~~ thereof.

19. (Cancelled)

20. (Cancelled)

21. (Currently Amended) A pharmaceutical composition comprising one or more compounds according to claim 1, or a salt, or stereoisomer~~, hydrate or hydrate of a salt~~ thereof, together with a pharmaceutical excipient and/or vehicle.

22. (Withdrawn and Currently Amended) A method for treating a hyperproliferative disease ~~diseases~~ of benign or malignant behaviour and/or disorder ~~disorders~~ responsive to the induction of apoptosis in a patient comprising administering to said patient a therapeutically effective amount of a compound according to claim 1, or a pharmaceutically acceptable salt, or stereoisomer~~, hydrate or hydrate of a salt~~ thereof.

23. (Withdrawn) The method according to claim 22, wherein said hyperproliferative disease of benign or malignant behavior and/or disorder responsive to the induction of apoptosis is cancer.

24. (New) A compound according to claim 1, wherein R41 is 2-4C-alkyl.